

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051454

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/44 G01N33/569 A61K39/018

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K G01N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBL, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FUKUMOTO SHINYA ET AL: "Identification and expression of a 50-kilodalton surface antigen of Babesia gibsoni and evaluation of its diagnostic potential in an enzyme-linked immunosorbent assay" JOURNAL OF CLINICAL MICROBIOLOGY, vol. 39, no. 7, July 2001 (2001-07), pages 2603-2609, XP002304757 ISSN: 0095-1137 figure 1</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">-/--</p>	1-21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

26/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DELBECQ S ET AL: "BABESIA DIVERGENS: CLONING AND BIOCHEMICAL CHARACTERIZATION OF BD37" PARASITOLOGY, CAMBRIDGE UNIVERSITY PRESS, LONDON, GB, vol. 125, no. 4, October 2002 (2002-10), pages 305-312, XP008012754 ISSN: 0031-1820 abstract page 305, column 2, line 6 - line 11 figure 1	1-21
A	CARCY B ET AL: "A 37-kilodalton glycoprotein of Babesia divergens is a major component of a protective fraction containing low-molecular-mass culture-derived exoantigens" INFECTION AND IMMUNITY, AMERICAN SOCIETY FOR MICROBIOLOGY. WASHINGTON, US, vol. 63, no. 3, March 1995 (1995-03), pages 811-817, XP002116987 ISSN: 0019-9567 the whole document	1-21
A	CARRET CELINE ET AL: "Characterization and molecular cloning of an adenosine kinase from Babesia canis rossi" EUROPEAN JOURNAL OF BIOCHEMISTRY, BERLIN, DE, vol. 265, no. 3, November 1999 (1999-11), pages 1015-1021, XP002190950 ISSN: 0014-2956 abstract figure 1	1-21
A	EP 0 417 524 B (COMMW SCIENT IND RES ORG) 20 March 1991 (1991-03-20) figure 6 page 3 - page 8	1-21
A	EP 1 050 541 A (AKZO NOBEL NV) 8 November 2000 (2000-11-08) abstract figure 1 examples 1-3	1-21
A	EP 1 238 983 A (AKZO NOBEL NV) 11 September 2002 (2002-09-11) figures 2,3 page 8 - page 11	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051454

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